



INVESTIGATOR'S ANNUAL REPORT

United States Department of the Interior

National Park Service

All or some of the information you provide may become available to the public.

OMB # (1024-0236)
Exp. Date (02/28/2014)
Form No. (10-226)

Reporting Year: 2013	Park: Glacier Bay National Park and Preserve	Select the type of permit this report addresses: Scientific Study
Principal Investigator: Christopher Sergeant		Office Phone: 9073641591
Mailing Address: 3100 National Park Road Juneau, AK 99801 United States		Office Fax: Office Email: christopher_sergeant@nps.gov
Additional investigator or key field assistants(first name, last name, office phone, office email)		
Name: Craig Murdoch Phone: (907) 697-2654 Email: craig_murdoch@nps.gov		
Name: Chad Soiseth Phone: (907) 697-2654 Email: chad_soiseth@nps.gov		
Name: Bill Johnson Phone: (907) 364-2624 Email: bill_johnson@nps.gov		
Name: Michael Bower Phone: (907) 364-2621 Email: michael_bower@nps.gov		

Study Title (maximum 300 characters): Installation and maintenance of a water quality monitoring unit in the Salmon River, Glacier Bay National Park and Preserve (GLBA)			
Park-assigned Study or Activity #: GLBA-00191	Park-assigned Permit #: GLBA-2013-SCI-0003	Permit Start Date: Apr 05, 2013	Permit Expiration Date: Dec 31, 2017
Scientific Study Starting Date: Apr 04, 2013		Estimated Scientific Study Ending Date: Dec 30, 2017	
For either a Scientific Study or a Science Education Activity, the status is: Continuing	For a Scientific Study that is completed, please check each of the following that applies: <input type="checkbox"/> A final report has been provided to the park or will be provided to the park within the next two years <input type="checkbox"/> Copies of field notes, data files, photos, or other study records, as agreed, have been provided to the park <input type="checkbox"/> All collected and retained specimens have been cataloged into the NPS catalog system and NPS has processed loan agreements as needed		
Activity Type: Monitoring			
Subject/Discipline: Water Quality			

Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters): To install and maintain a small, automated water quality monitoring unit in one location along the Salmon River. This effort will continue the NPS Southeast Alaska Network's current long-term water quality monitoring effort in GLBA.
Findings and status of Scientific Study (including collections made and catalog status of retained specimens and retained material originating from such specimens) or accomplishments of Science Education Activity during the reporting year (maximum 4000 characters): Water quality parameters (dissolved oxygen, pH, specific conductance, and temperature) were successfully collected hourly from April 25 to November 18, 2013 at one location in the Salmon River. This was the fourth year of successful water quality data collection on the Salmon River, and the efforts will continue into the foreseeable future.

All results from 2013 will be available in early 2014 at this website:
http://science.nature.nps.gov/im/units/sean/FQ_Main.aspx

Results from 2010-2012 are currently available at the link above.

For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

No

Funding specifically used in this park this reporting year that was provided by NPS (enter dollar amount):

\$2,000.00

Funding specifically used in this park this reporting year that was provided by all other sources (enter dollar amount):

\$0.00

List any other U.S. Government Agencies supporting this study or activity and the funding each provided this reporting year:

Dept. of Interior - National Park Service

\$0.00

For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

No

Paperwork Reduction Act Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Public reporting for this collection of information form is estimated to average 1.38 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding this burden estimate or any aspect of this form to Dr. John G. Dennis, Natural Resources (3130 MIB), National Park Service, 1849 C Street, N.W., Washington, DC 20240.

Privacy Act Notice: Scientific research, education and collecting activities within units of the National Park System that may impact parks invoke a permitting and reporting requirement per regulations at 36 CFR 1.6 (Permits), 36 CFR 2.1 (Preservation of Natural, Cultural and Archeological Resources), and 36 CFR 2.5 (Research Specimens). The National Park Service collects information about permit applicants and permittees to administer and document research, collecting, and reporting activities within parks. The information disclosed on this form is required and may result in denial of permit applications if not provided.